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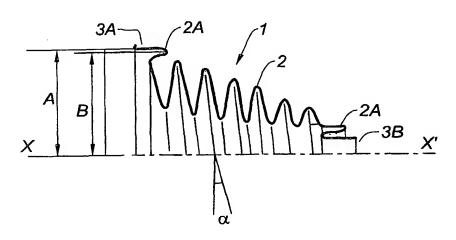
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- (81) États désignés (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,

[Suite sur la page suivante]

(54) Title: METHOD FOR MAKING A CASING WITH PROTECTIVE BELLOWS FOR TRANSMISSION DEVICE AND CAS-ING OBTAINED BY SAID METHOD

(54) Titre : PROCÉDÉ DE FABRICATION D'UNE ENVELOPPE À SOUFFLETS DE PROTECTION DE DISPOSITIF DE TRANSMISSION ET ENVELOPPE OBTENUE PAR LA MISE EN OEUVRE DU PROCEDE



(57) Abstract: The invention concerns a method for making a casing (1) with protective bellows (2, 2A) for transmission device, such as a transmission joint, comprising at least two shafts mobile axially and/or at an angle relative to each other, said casing (1) with bellows (2, 2A), whereon at least part of the bellows (2') are radial, having at each open end a section (3A, 3B) for being fixed to the transmission device. Said method is characterized in that it consists in moulding the casing (1) with bellows (2, 2A), using a hollow mould and at least one core, having each at least a

matching helical thread delimiting the moulding space and in stripping the casing (1) formed by relatively unscrewing the casing (1) and the core to obtain a single-piece casing (1). The invention is applicable to a casing with bellows by arrangement of extensible or flexible coupling elements.

(57) Abrégé: L'invention concerne un procédé de fabrication d'une enveloppe (1) à soufflets (2, 2A) de protection de dispositif de transmission, tel qu'un joint de transmission, comprenant au moins deux arbres déplaçables axialement et/ou angulairement l'un par rapport à l'autre, cette enveloppe (1) à soufflets (2, 2A), dont au moins une partie des soufflets (2) sont radiaux, présentant à chaque extrémité ouverte une section (3A, 3B) de fixation au dispositif de transmission. Ce procédé est caractérisé en ce qu'il consiste à mouler l'enveloppe (1) à soufflets (2, 2A), à l'aide d'un moule en creux et d'au moins un noyau, présentant chacun au moins un filetage hélicoïdal complémentaire délimitant l'espace de moulage et à démouler l'enveloppe (1) formée par dévissage relatif de l'enveloppe (1) et du noyau en vue de l'obtention d'une enveloppe (1) monobloc. Application enveloppe à soufflet par disposition par disposition d'accouplement extensibles ou flexibles

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According to International Patent Glassification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \mbox{Minimum documentation searched} & \mbox{(classification system followed by classification symbols)} \\ \mbox{IPC} & 7 & B29C & B29D & F16J \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUM	INTS CONSIDERED TO BE RELEVANT	
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Y	US 5 006 376 A (ARIMA YOSHIHIRO ET AL) 9 April 1991 (1991–04–09) claim 1; figures	1,2,4, 6-10
A	FR 2 606 849 A (SCHIEMANN DR WOLFRAM) 20 May 1988 (1988-05-20) cited in the application page 7, line 23 - page 8, line 8; claims 1,6; figures	5,10
A	EP 0 647 790 A (DRAFTEX IND LTD) 12 April 1995 (1995-04-12) column 2, line 52 - column 3, line 18; figures	1,2

X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the International filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the International search	Date of mailing of the international search report
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Mathey, X

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C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	. J./FR US	7 03033	
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